

GRADUATION EDITION TOIKE OIKE



TOIKE OIKE, TOIKE OIKE, OLLUM TE CHOLLUM TE CHAY,
SCHOOL OF SCIENCE, SCHOOL OF SCIENCE, HURRAY, HURRAY, HURRAY.

Vol. XXXIV

Tuesday, March 2, 1943

No. 8

A SIMPLE CYCLE

It seems to me that to be born in a time of peace in a fine country of hills, valleys and plains, where justice as represented by a jury is rampant, just and upright, and to live with a comfortable income which allows me to support a most becoming and understanding wife who will bear me intelligent sons, who, in turn go to college and repeat the above cycle is to live a perfect life in a perfect world.

This you say is beyond our hand. But you will agree that it is what we all desire and pray for. Then I say let's clean up the present unbecoming mess of Nazi Fascists, etc., and set out to bring it about.

JIM CAWLEY,
*President,
Engineering Society,
University of Toronto.*

SPORTOIKE

School is once more in her rightful place in the Reed Trophy race, the first place, and it appears that we will be able to keep her there and so regain the Reed Trophy.

Our recent point rise is due chiefly to our efficient departmental baseball and basketball organization, but our strength here is also our weakness since there have been several defaults by these departmental teams. Remember a team with any fight in it will never default!

It seems we have a winner in our Junior School Hockey team; the kids are still full of high-school vim, vigour and virility. Congratulations! Our indoor track squad is also away out in front. Unfortunately "Bull" Ritchie could not quite bull his boxing and wrestling squad, and fencers got lost apparently, into complete victory. Water-polo, baseball and basketball are still undecided, with water-polo our best chance for a victory.

Since this is the last edition of the Sportoike for this year, the Sports Editor wishes to take this opportunity to say a few words about some of our graduating athletes, men who have bolstered School's athletic prestige and

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IN SIGHT OF GRADUATION

To those who entered upon the study of engineering four and a half years ago, with the rising tumult of war about them, it must have seemed a long and hazardous road that led to graduation. And yet in a few weeks those who have travelled this route for its whole length will have reached the goal for which, amidst many uncertainties, they set out.

It is a pleasing revelation to those who have come through such experiences to find that the obstacles, once they are squarely and resolutely faced, are not so formidable after all. True, progress towards this realization may be slow, but nevertheless day by day at least some little advance is made. The returns on the investment of industry and perseverance come in, slowly at first, but inevitably, and in rising volume. And so, with something of the satisfaction of a prudent capitalist, the conscientious and industrious student finds his confidence and comfort in the course that he is pursuing rising in a crescendo to the day of graduation.

As every thoughtful man of the graduating class has doubtless observed, a gradual and gratifying change in outlook and ambition comes over a student

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ANNUAL TOIKE OIKE DINNER

This year the Annual Toike Oike Dinner which all members of the Graduating year attend will be held in Simpson's Arcadian Court at 7.00 o'clock p.m. on Tuesday, March 9th.

Here the members of 4T3 meet and mingle with the older grads of former years right back to 1881. The year is inducted into the Engineering Alumni Association and presented with their gavel.

An outstanding feature of this year's dinner will be an illustrated talk by Lieut. Marcel on "Convoys to Murmansk and Through the Mediterranean".

ENGINEERING ALUMNI ENJOYS SUCCESSFUL YEAR

With membership increased in spite of wartime difficulties, the Engineering Alumni Association, with several substantial accomplishments to its credit, can look back on the past year with a considerable degree of satisfaction.

The Directory

It is the easiest thing in the world for graduates to lose touch with each other and the results are for obvious reasons very unfortunate. A definite and effective means of preventing or correcting such a condition was taken in the publication of the School Directory, which came out early last summer. It represented a great deal of work, but the results have fully justified it. Incidentally, it is not necessary to graduate in order to be an alumnus. It is only necessary to have been registered in the second year of the student's course and, of course, to have left the University.

Vocational Guidance

For some years, with the growth of specialization, there has been a growing appreciation of the difficulty confronting the average high school student in deciding what University course would best suit his ambition, his aptitude and his temperament. Accordingly, under the general direction of Engineering Alumni Educational Committee, presided over by the late Mr. H. E. Wingfield, ar-

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THE TOIKE OIKE

Devoted to the interests of the Under-graduates of the Faculty of Applied Science.

Published Every Now and Then by The Engineering Society of the University of Toronto.

Editor.....F. J. LYSAGHT
Assistant Editor.....L. J. LENNON
Sports Editor.....R. C. QUITTENTON
Feature Editor.....D. DRAPKIN
Director of Publications
and Publicity.....W. A. MOESER

EDITORIAL

With the Graduation Ball Edition we bring to a close another year in the life of Toike Oike. We have tried, from the beginning, to fulfil the request of our predecessors, namely, to make Toike Oike a bigger and better paper.

We have our staff to thank for its untiring efforts in helping us to achieve this end. In particular, we want to thank Lloyd Lennon for his help. Lloyd was always ready to lend a helping hand when the going was the hardest. We wish also, to thank our contributors for their geniality in preparing material and having it in on time.

This year we featured the School Dinner Edition, which contained fourteen pages, the largest number of pages of the Toike Oike undergraduate publication to date. This Edition covered every phase of the life of a Schoolman and also traced the history of the School from its beginning down to the present, thus serving as a souvenir of School.

We would like to wish the Graduates the best of luck for the future, whatever may be their plans, whatever they may undertake, we wish them every success. It is our fond hope that in the years to come, the men of 4T3 will have many happy reunions and that the ties which bind us now may be strengthened. To all the years we wish every success in the coming examinations.

With these thoughts in mind we make our formal bow and retire to make room for next year's Editor, at the same time, wishing him every success for a bigger and better Toike Oike.

ELECTION RESULTS

ENGINEERING SOCIETY

President—J. WARD
1st Vice-President—A. GORMAN
2nd Vice-President—P. AYKROYD
Secretary—M. McCULLOCH
Treasurer—R. F. MOORE

ATHLETIC ASSOCIATION

President—B. WHITE
Vice-President—A. CAMPBELL
Secretary Treasurer—F. SANSOM

THE QUESTIONNAIRE

The President said to the First V.P. and executive gathered in force,
"Let us work as a team and draw up a scheme for improving our Varsity course;
When the questionnaires cluster in mountainous heaps, our labour will never be shirked".

(And the Faculty whispered in dubious tones—"Its clever, but can it be worked?")

With suggestions from First Year and Second and Third, they wrestled from morning to eve,

While the Seniors, of course, (who were present in force) did nothing but laugh up their sleeve;

Their race had been run, no backwash would come to affect them from this college movement,

For the army, the navy, the air force are not very kindly disposed to improvement.

They added some Sanskrit, with Logic and Greek (pray do not forget the Humanities), Art and Pathology, History, Psychology and Language (including Profanities!)

They had to include Anaesthetics perforce, to help them to sleep during Statics,
But all alterations were barren and vain, if they didn't cut out Mathematics!

Not a word about Time Table, Lecture Rooms, Staff, nor where extra space could be found,

Or how to finance it ("We might as well chance it!")—the scheme had an elegant sound.

But the poor Faculty have their troubles, you see—in woodpiles some niggers will lurk—
And some wretched Committee (on whom be your pity!) must say "Yes or No—Does it work?"

A. E. ALLCUT.

EXECUTIVE 4T4

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Architectural—L. BAKER
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Chemical—J. HAYMAN
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- " 5—R. A. MULLER
- " 6—R. C. QUITTENTON
- " 7—R. NAYLOR
- " 8—F. KELLAM
- " 9—J. A. PLAXTON

BRONZE "S"

D. GROSSKURTH

POLITICAL SCIENCE COURSE

85% yes

ARCHITECTURAL CLUB

Instructions to hand assert that this is the last bit of elegant prose of yours truly to smear the pages of Toike Oike so "make it good". Orders such as these put birds such as me behind a large scriptorial 8-ball. Before the issuance of this threatening communique, I had intended to remind the inmates of the School of Architecture of our large event of the year the Architect's Night on March the eighth, under the guidance of Chuck Worsley. On that evening there will be shown for the edification of ourselves, the members of the profession, some of the city fathers and any S.P.S.'er who are interested several excellent movies from Canada and the U.S.A. of great architectural significance. Included among them will be The City. It is hoped to make the evening more profitable by organized discussions with no holds barred. Secondly, I had intended to issue a kind invitation to the graduating year to be sure and drop under my table at that culmination of their Varsity career, that dance to end all dances, the Grad Brawl. However, as I was instructed to "make it good", I'd better crawl home and work up something really fine—a species of Toike Oike book of the month.

Goodbye to you.

JIM MURRAY.

Hubby—"I miss the old cuspidor since it's gone".

Wifey—"You missed it before, that's why it's gone".

INDUSTRIAL CHEMICAL CLUB

The passing of election day tells us that another school year is on the way out. This being the final edition of Toike Oike, it might be a timely occasion to glance back over the club activities for the year.

We got away to a good start with the Freshmen Reception on October 20th. Judging by the enthusiasm displayed by those present, such a festivity is well worth a return engagement.

On November the 3rd Mr. Harold Watson, a chemical engineer at the synthetic rubber plant at Sarnia, and a graduate of School, told us something about the history and development of rubberlike polymers.

Due to difficulties in arranging for transportation there was some doubt as to the feasibility of a field trip. However, on January the 14th the Fourth Year went on a tour through the Canada Bud Brewries. Not a little of the enjoyment of the visit was provided by the party given by the management after the tour.

Another dinner meeting took place in Hart House on January 26th. The guest speaker, Mr. John Buchan, a former Honorary Chairman of the club, delivered a talk on plastics, illustrated by a sound film.

Plans are not yet complete for the final meeting so be on the alert for news as to the time and place.

Now for the Bouquet-tossing. Many thanks to Bern Johnson, Dud Wilcox and all the year representatives for their help throughout the year. A special vote of thanks should be tendered to our Honorary Chairman, D. G. Ritchie, for his help in all of the Club activities.

R. F. LEWARNE.

ENGINEERING PHYSICS CLUB

In September, 1939, one A. Schnicklegrubler went beserk and brought upon an unhappy world the second great catastrophe in a quarter of a century. Three weeks later the class of 4T3, Engineering Physics, came into being in the midst of this world turmoil.

By present day standards we were a small class; but in those far removed days we were a large class and sufficient in numbers to give the other Engineering Physics Club members a good struggle during initiation. (Remember Hunt's on Yonge Street).

Our first year troubles were featured by Dr. Satterley's Problems and Lab reports, but time has proved that much of this apparent abuse was of great value.

In Second Year it was once again the Physics Department that gave us the greatest amount of mental recreation, with Professor Weber running a close

second. As sophomores we did a good job on the class of 4T4 when initiation came around, in fact some of them still hesitate before sitting on wicker chairs.

The storm finally broke when we reached third year and both Engineering and Physics Departments gave us a real scholastic "going over". It was at this point that our class whittled down by transfers to twelve, split 50-50 between Aeronautics and Communications and went their respective ways in quest of specialized knowledge. Then in no time at all we found ourselves on the threshold of four year.

Returning from our summer work we took our places as the high and mighty Seniors of Engineering Physics, and started dreaming of finishes theses (what a nightmare that was). And while the Communication boys took life easy and gadded about the Aeronautics genii put their shoulders to the wheel and slaved away—somehow that doesn't sound right. Anyhow here we are the twelve survivors of Hard Woik, Inc., almost at the end of the trail with just one more April Brain Storm to be weathered so before we buckle down to studying let's throw all our integrals, aeropils and electrones out the window for the one night of March 3rd, and really have us our final set to in true School fashion.

JIM DIACK.

MINING AND METALLURGICAL CLUB

By the time this edition is in your hands, our annual dinner will be a thing of the past. It is to be hoped that every man present enjoyed it to the fullest, and since it was the last meeting of the year we hope it was the best.

Since this is the last edition of Toike Oike it seems fitting that we should review our activities, good and bad.

The Freshman Reception at the Windermere was well attended and seemed to be the happiest party of the year.

Our first luncheon at Hart House, on November 17th, was well attended and everyone enjoyed Mr. G. S. Mallet's talk on operations at Anaconda American Brass.

Our Honorary Chairman, Mr. J. Gordon Hardy, gave an interesting talk on "Where do we go from here", at our second Hart House luncheon.

Due to lack of transportation, the annual field trips were conspicuous by their absence. Nevertheless we hope that everyone has enjoyed their association with the club.

In closing, we would like to express our thanks to all those who have helped to put the club over, and we would like to wish the graduating members the best of luck in their future work.

F. W. KELLAM,

Chairman.

MECHANICAL CLUB

The Mechanical Club has carried out as planned, one meeting a month.

Our October meeting was addressed by Professor L. J. Rogers who gave an excellent talk on "Glass Making at Research Enterprises Ltd." In November Mr. M. N. Vuchnich of the Lincoln Electric Co., gave an address on "The Future of Arc Welding" which was followed by a lively discussion.

December brought us around to our dance which was held in the U.T.S. Gymnasium. Refreshment and entertainment were provided and the evening was entirely successful.

In January we held a joint dinner meeting with the student A.S.M.E. in Hart House at which Mr. W. A. Osbourne of Babcock-Wilcox and Goldie-McCulloch, gave an address on "X-Rays in Industry".

Finally our annual dinner meeting was held in the Granite Club, when Mr. A. C. Blue, our honorary chairman and Mechanical Engineer of Polymer Corporation addressed the members. Entertainment was provided and the activities of the club closed in royal style.

As the year closes and my term of office comes to an end, may I thank my executive and my friends for their co-operation and assistance in helping me to carry out these functions.

To the incoming executive, my sincere wishes for a successful year and to all the members, thanks, and the best of luck.

JOHN M. DYKE,

Chairman.

CIVIL CLUB

Election time has come again, boy does time fly. Although elections are a gay event at School there is a certain amount of sorrow that accompanies it. Yes, you're right, the end is in sight and once in every four it means the severing of direct and intimate connections.

Before this takes place, however, we shall meet once more as members of a common club. In this day and age nothing is certain but let us hope this meeting will take place at dinner time on March 11th.

As is customary, in this, the Graduation Edition of the Toike Oike, honourable mention and well wishing is extended to the incoming chairman. At the time of publication the elections are still to come so in anticipation may I wish the best to the new executive in the forthcoming year.

As my last chance to contact you through the medium of the Toike Oike may I take this opportunity of thanking you for your loyal support to the club and also may I wish you every success in the forthcoming quiz.

G. H. WORKMAN,

Chairman.

IN SIGHT OF GRADUATION

(Continued from page 1)

in his progress year by year through the School. As a freshman, he is consumed with curiosity and interest on being afforded a glimpse of the many shiny and sharp-edged tools and weapons in the technological armoury. He seeks to acquire an early and exhaustive knowledge of the ways of using them, to the end that he may excel in the practice of some technique with the agreeable concomitants of prestige and plenty. But as he goes farther in his course and meets people in his own and other professions and callings, he discovers that his service can be only partial if it is confined wholly to the technological level. He must become a balanced, broadly-educated citizen, capable of taking his full share in the conduct of the affairs of the free civilization in which he lives. For those of us who are a long way past graduation, it continues to be a constant source of pleasure to observe the readiness with which young men of this Faculty sense the role that they are destined to play as representative professional men and speedily fit themselves into the mosaic of organized, responsible society.

Before the last war I often reflected on what it must have been like to live in the year of Waterloo. Since then, not only did we live through one cataclysm far more shattering than that precipitated by Napoleon, but we are in the midst of another and even vaster one. Yet, despite these colossal onslaughts on order and decency, the people of the United Nations continue to perform their tasks with a degree of devotion and efficiency that brings assurance of the high dependability of human nature.

Amidst the distractions and confusion of war, young men can be counted upon to play their part to the full. The greater the difficulties to be met the greater should be the satisfaction in overcoming them. Indeed, those who now leave our halls to undertake service in some form, whether with the forces or in some other activity essential to the waging of total war, should be thankful that they have lived in historic times such as these. They are entitled to feel some of that exaltation which filled King Henry V before Agincourt:

"And gentlemen in England now abed,
Shall think themselves accurs'd they
were not here
And hold their manhoods cheap,
whiles any speaks
That fought with us upon Saint
Crispin's day."

C. R. YOUNG.

February 22, 1943.

SPORTOIKE

(Continued from page 1)

never let her down without a fight on the field of combat. They are not ranked in any order, but just as they come to mind.

Johnny Lucas; in this writer's opinion, 4T3's greatest sportsman, comparable to Mush Marshall, Stew Munro and Ron Fugler, the greats of others years. Before receiving a hip injury this summer, Johnny was a rugby, basketball and track star, one of the best, but greater than athletic ability are his disposition and character. In short, he's "tops".

Bill "Punch" Parchello; a man you could bet on and he'd come through for you every time; a basketball, rugby, baseball and volleyball star and the kind of fellow you like to call a friend.

Don "Turk" Grosskurth; 4T3's greatest athlete, with a fighting heart second to none in this University and a rugby, hockey, and wrestling "great".

Ken Gow; a big man in every sense of the word, including a big heart; a rugby all-star and a great wrestler.

Frank Kellam; just about the best lacrosse player on the campus and a basketball star as well, with a little rugby and hockey thrown in.

Frank Lewarne; another campus all-star lacrosse player, with a stick always full of goals, a great point winner in track and an all-round athlete.

Jack Plaxton; one of the best rugby players it has been the good fortune and great pleasure of this writer to know.

Roy Foulis; a track star who has consistently broken the tape for School.

Doug Zimmerman; a rugby player who never knows when he's beaten. The best example of School's "Fighting Spirit".

Ted Webb; a rugby player who can hold his end of the line down with the best of them.

Jim Dickie; one of the School's best hockey players, as well as a great executive.

Russ Workman; an unassuming fellow who rises to great heights in basketball, hockey, baseball and rugby.

Dick "Weed" Quittenton; a little fellow who gets by with a big mouth, a big head, and a big heart.

There are many others such as K. O'Donnell, M. Douglas, H. Page, D. Hamlin, G. Workman, G. Biggs, B. Brooks, G. Heffernan, B. Moeser, H. Ashton, J. Brennan, P. Onasick, H. Capper, and others who deserve mention but space does not permit a full account.

This column wishes each of the above and all the other men of 4T3 the best of luck in the future and may all of us attain happiness and success in the years to come.

"WEED".

ALUMNI

(Continued from page 1)

rangements were made for the appointment of counsellors, one to be attached to practically every High School and Collegiate Institute in Ontario. As a guide to these counsellors a very comprehensive book was issued containing the answers to practically all the questions an aspiring student would be likely to ask in seeking a solution to his personal problem. In addition, a list of questions to be asked by the counsellor is designed to discover abilities and appraise the student's chances of success in any particular field. If, for instance, the student is superficially inclined towards engineering, but in reality is more fitted for an arts course, the counsellor can discover this and advise accordingly. In active practice this has worked out very well, and indications are that a higher calibre engineering student will result and in fact more general satisfaction among undergraduates in all faculties.

ELECTRICAL CLUB

By the time this appears in print, the last meeting of the Club for the year will have taken place. As everyone knows by now, our Annual Dinner at Diana's was the highlight of the session's activities for the Club. Through the generosity of several local companies, everyone received a small favour of some sort. The electrical handbooks awarded to the two lucky ticket numbers made very fine presentations. Not forgotten either were the outstanding characters of Fourth Year in the awards made.

Looking back over the year you will discover that we had five Smokers, two field trips and one dinner. Those who came out to them received \$1.95 in cash value for \$1 invested, not counting the value of the ideas, thoughts and associations gathered there. Isn't this one good reason for supporting the Electrical Club?

Well gang, the Grad Ball means that soon we'll be handing on the job for someone else to do. It's been fun this year to chart the course for the Club, to overcome all the little troubles that unexpectedly come along, to try out the schemes and ideas suggested and to hear the praise or criticism of those interested. But most of all the enthusiastic co-operation of so many members has been the source of enjoyment to the Chairman. To all who so freely gave of their time and ability, I say "Thank you". If you back up the new Chairman next year the way you did this session, the Club will once again go over the top.

PETE SMITH,
Chairman.